

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

6/19/05

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	SYSTEM AND METHOD FOR REPLICATING VOLUME HOLOGRAMS
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Application Number : 10/796071



Confirmation Number: 2666

First Named Applicant: Richard Sutherland

Attorney Docket Number: SAIC0006-CON1

Art Unit: 1756

Examiner: Martin J. Angebrannt

Search string: (6211976 or 6172778 or 6115152 or 5937115 or 5915051 or 5875012 or 5832148 or 5771320 or 5751452 or 5748272 or 5734485 or 5731853 or 5706375 or 5698343 or 5698134 or 5695682 or 5661577 or 5661533 or 5648857 or 5641426 or 5593615 or 5547786 or 5544268 or 5488681 or 5384067 or 5376095 or 5366462 or 5363228 or 5356557 or 5354498 or 5330486 or 5330264 or 5328800 or 5323251 or 5313317 or 5303322 or 5291317 or 5272550 or 5270843 or 5264950 or 5258008 or 5240636 or 5235445 or 5234447 or 5227906 or 5227859 or 5220928 or 5210630 or 5198912).pn

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<i>u</i>	1	6211976	2001-04-03	Popovich, et al.		359	15
<i>u</i>	2	6172778	2001-01-08	Reinhorn, et al.		359	15
<i>u</i>	3	6115152	2000-09-05	Popovich, et al.		359	15
<i>u</i>	4	5937115	1999-08-10	Domash		385	16
<i>u</i>	5	5915051	1999-06-22	Damask, et al.		385	16
<i>u</i>	6	5875012	1999-02-28	Crawford, et al.		349	74
<i>u</i>	7	5832148	1998-11-03	Yariv		385	16
<i>u</i>	8	5771320	1998-06-23	Stone		385	16
<i>u</i>	9	5751452	1998-05-12	Tanaka, et al.		359	52
<i>u</i>	10	5748272	1998-05-05	Tanaka, et al.		349	86
<i>u</i>	11	5734485	1998-03-31	Buchkremer, et al.		359	25
<i>u</i>	12	5731853	1998-03-24	Taketomi, et al.		349	15
<i>u</i>	13	5706375	1998-01-06	Mihailov, et al.		385	24
<i>u</i>	14	5698343	1997-12-16	Sutherland, et al.		430	1
<i>u</i>	15	5698134	1997-12-16	Jubb, et al.		252	299.01
<i>u</i>	16	5695682	1997-12-09	Doane, et al.		252	299.01
<i>u</i>	17	5661577	1997-08-26	Jenkins, et al.		359	11

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8/14/05

<i>W</i>	18	5661533	1997-08-26	Wu, et al.		349	169
<i>W</i>	19	5648857	1997-07-15	Ando, et al.		359	12
<i>W</i>	20	5641426	1997-06-24	Nerad, et al.		252	299.01
<i>W</i>	21	5593615	1997-01-14	Nerad, et al.		252	299.01
<i>W</i>	22	5547786	1996-08-20	Brandstetter, et al.		430	1
<i>W</i>	23	5544268	1996-08-06	Bischel, et al.		385	4
<i>W</i>	24	5488681	1996-01-30	Deacon, et al.		385	37
<i>W</i>	25	5384067	1995-01-24	Doane, et al.		252	299.01
<i>W</i>	26	5376095	1994-12-27	Ortiz		505	143
<i>W</i>	27	5366462	1994-11-22	Kaster, et al.		505	153
<i>W</i>	28	5363228	1994-11-08	DeJule, et al.		359	117
<i>W</i>	29	5356557	1994-10-18	Jubb, et al.		252	299.01
<i>W</i>	30	5354498	1994-10-11	Akashi, et al.		252	299.01
<i>W</i>	31	5330486	1994-07-19	Wilk		606	139
<i>W</i>	32	5330264	1994-07-19	Ando, et al.		359	12
<i>W</i>	33	5328800	1994-07-12	Yokoya, et al.		430	203
<i>W</i>	34	5323251	1994-06-21	Coates, et al.		359	51
<i>W</i>	35	5313317	1994-05-17	Saburi, et al.		359	13
<i>W</i>	36	5303322	1994-04-12	Winston, et al.		385	146
<i>W</i>	37	5291317	1994-03-01	Newswanger		359	15
<i>W</i>	38	5272550	1993-12-21	Dickson, et al.		359	3
<i>W</i>	39	5270843	1993-12-14	Wang		359	52
<i>W</i>	40	5264950	1993-11-23	West, et al.		359	51
<i>W</i>	41	5258008	1993-11-02	Wilk		606	219
<i>W</i>	42	5240636	1993-08-31	Doane, et al.		252	299.01
<i>W</i>	43	5235445	1993-08-10	Hirai, et al.		359	52
<i>W</i>	44	5234447	1993-08-10	Kaster, et al.		606	153
<i>W</i>	45	5227906	1993-07-13	Tokumitsu		359	117
<i>W</i>	46	5227859	1993-07-13	Leib, et al.		556	347
<i>W</i>	47	5220928	1993-06-22	Oddsens, et al.		128	898
<i>W</i>	48	5210630	1993-05-11	Heynderickx, et al.		359	106
<i>W</i>	49	5198912	1993-03-30	Ingwall, et al.		359	3

Signature

Examiner Name	Date
<i>[Signature]</i>	8/16/05

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Title of Invention

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HOLOGRAMS

Application Number : 10/796071 
Confirmation Number: 2666
First Named Applicant: Richard Sutherland
Attorney Docket Number: SAIC0006-CON1
Art Unit: 1756
Examiner: Martin J. Angebrannndt
Search string: (5529861 or 5930011 or 5682214 or 5471326 or 3667946 or 5499118 or 4938568
,pn

US Patent Documents

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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
u	1	5529861	1996-06-25	Bedfield		430	1
u	2	5930011	1999-07-27	Gambogi, Jr., et al.		430	1
u	3	5682214	1997-10-28	Amako, et al.		349	74
u	4	5471326	1995-11-28	Hall, et al.		359	15
u	5	3667946	1972-06-06	Sturdevant		430	1
u	6	5499118	1996-03-12	Wreede, et al.		359	12
u	7	4938568	1990-07-03	Margerum, et al.		350	334

Signature

Examiner Name	Date
	8/6/05

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SYSTEM AND METHOD FOR REPLICATING VOLUME
HOLOGRAMS

Application Number : 10/796071



Confirmation Number: 2666

First Named Applicant: Richard Sutherland

Attorney Docket Number: SAIC0006-CON1

Art Unit: 1756

Examiner: Martin J. Angebrannt

Search string: (5188638 or 5182665 or 5174276 or 5170925 or 5166813 or 5136666 or 5105298 or 5096282 or 5084203 or 5047039 or 5047040 or 5015249 or 5011624 or 4983176 or 4942102 or 4930674 or 4929240 or 4923269 or 4891152 or 4857425 or 4856876 or 4818070 or 4810063 or 4809713 or 4728547 or 4688900 or 4673241 or 4560249 or 4374371 or 4368736 or 4210132 or 4045124 or 4018228 or 4006963 or 4003629 or 3658526 or 5680233 or 5942157 or 5852504 or 5725970 or 5453338 or 5014709 or 5003386 or 4416540 or 4832424 or 4124947 or 3758186 or 3580655 or 4832445 or 4818045).pn

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<i>u</i>	1	5188638	1993-02-23	Tzakis		606	153
<i>u</i>	2	5182665	1993-01-26	O'Callaghan, et al.		359	95
<i>u</i>	3	5174276	1992-12-29	Crockard		128	4
<i>u</i>	4	5170925	1992-12-15	Madden, et al.		227	175
<i>u</i>	5	5166813	1992-11-24	Metz		359	15
<i>u</i>	6	5136666	1992-08-04	Anderson, et al.		385	24
<i>u</i>	7	5105298	1992-04-14	Schellenberg		359	3
<i>u</i>	8	5096282	1992-03-17	Margerum, et al.		359	3
<i>u</i>	9	5084203	1992-01-28	Sansone, et al.		252	299.5
<i>u</i>	10	5047039	1991-09-10	Avant, et al.		606	148
<i>u</i>	11	5047040	1991-09-10	Simpson, et al.		606	159
<i>u</i>	12	5015249	1991-05-14	Nakao, et al.		606	142
<i>u</i>	13	5011624	1991-04-30	Yamagishi, et al.		252	299.5
<i>u</i>	14	4983176	1991-01-08	Cushman, et al.		606	151
<i>u</i>	15	4942102	1990-07-17	Keys, et al.		430	1
<i>u</i>	16	4930674	1990-06-05	Barak		227	179
<i>u</i>	17	4929240	1990-05-29	Kirsch, et al.		606	151

u *u* 8/16/05

<i>u</i>	18	4923269	1990-05-08	Healey		350	96.15
<i>u</i>	19	4891152	1990-01-02	Miller, et al.		252	299.01
<i>u</i>	20	4857425	1989-08-15	Phillips		430	1
<i>u</i>	21	4856876	1989-08-15	Ferguson		350	350F
<i>u</i>	22	4818070	1989-04-04	Gunjima, et al.		350	334
<i>u</i>	23	4810063	1989-03-07	Ferguson		350	347V
<i>u</i>	24	4809713	1989-03-07	Grayzel		128	785
<i>u</i>	25	4728547	1988-03-01	Vaz, et al.		428	1
<i>u</i>	26	4688900	1987-08-25	Doane, et al.		350	347V
<i>u</i>	27	4673241	1987-06-16	Nishiwaki, et al.		350	3.64
<i>u</i>	28	4560249	1985-12-24	Nishiwaki, et al.		350	162.17
<i>u</i>	29	4374371	1983-02-15	Narancic		337	159
<i>u</i>	30	4368736	1983-01-18	Kaster		128	334C
<i>u</i>	31	4210132	1980-07-01	Perlin		128	1R
<i>u</i>	32	4045124	1977-08-30	Pollack, et al.		350	160LC
<i>u</i>	33	4018228	1977-04-19	Goosen		128	305
<i>u</i>	34	4006963	1977-02-08	Baues, et al.		350	97C
<i>u</i>	35	4003629	1977-01-18	Baues, et al.		350	96C
<i>u</i>	36	3658526	1972-04-25	Haugh		96	27
<i>u</i>	37	5680233	1997-10-21	Faris, et al.		359	41
<i>u</i>	38	5942157	1999-08-24	Sutherland, et al.		252	582
<i>u</i>	39	5852504	1998-12-22	Kato, et al.		369	9
<i>u</i>	40	5725970	1998-03-10	Martin, et al.		430	2
<i>u</i>	41	5453338	1995-09-26	Suga, et al.		430	1
<i>u</i>	42	5014709	1991-05-14	Bjelkhagen, et al.		128	654
<i>u</i>	43	5003386	1991-03-26	Doyle, et al.		358	90
<i>u</i>	44	4416540	1983-11-22	Nicholson		350	3.69
<i>u</i>	45	4832424	1989-05-23	McGrew		350	3.65
<i>u</i>	46	4124947	1978-11-14	Kuhl, et al.		40	453
<i>u</i>	47	3758186	1973-09-11	Brumm		350	3.5
<i>u</i>	48	3580655	1971-05-25	Leith, et al.		350	3.5
<i>u</i>	49	4832445	1989-05-23	Haines, et al.		283	86
<i>u</i>	50	4818045	1989-04-04	Chang		359	13

Signature

Examiner Name	Date
<i>[Signature]</i>	8/16/05

Form PTO-1449 (Rev. 2-32)		U.S. Department of Commerce Patent & Trademark Office		Atty. Docket No. SAIC0006		Serial No. 09/577,166 ✓	
INFORMATION DISCLOSURE STATEMENT <small>(Use several sheets if necessary)</small>				Applicant Richard L. SUTHERLAND, et al.			
							
				Filing Date May 24, 2000		Group 1756	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub- Class	Filing Date (if appropriate)
FOREIGN PATENT DOCUMENTS							
<i>u</i>	*	WO 99/09440	2/25/99	Foster-Miller, Inc.	G02B	6/12	8/13/98
<i>u</i>	*	JP 10319237	12/4/98	Fuji Xerox Co. Ltd.	G02B	5/32	5/22/97
<i>u</i>	*	EP 0 867 749 A2	9/30/98	Xerox Corporation	G02F	1/1335	3/12/98
<i>u</i>	*	EP 0 856 768 A2	8/8/98	Xerox Corporation	G02F	1/1347	1/27/98
<i>u</i>	*	EP 0 856 766 A2	8/5/98	Xerox Corporation	G02F	1/1333	1/27/98
<i>u</i>	*	EP 0 856 765 A1	8/5/98	Xerox Corporation	G02F	1/1333	1/23/98
	*	WO 98/04650	2/1998	Sutherland, et al.	430	1	
<i>u</i>	*	WO 97/27519	7/31/97	Foster-Miller, Inc.	G03H	1/04	1/29/97
EXAMINER <i>u</i>				DATE CONSIDERED <i>2/16/05</i>			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.							

* Reference cited in parent (Application Serial No. 09/577,166), and not provided herewith.

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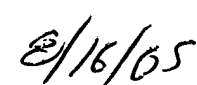
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EXAMINER


DATE CONSIDERED

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* Reference cited in parent (Application Serial No. 09/577,166), and not provided herewith.

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	*	CA 544591	8/6/57	National Research Development Corp.			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	*	International Search Report, dated September 5, 2001					
	*	International Search Report for Application No. PCT/US97/12577, dated January 14, 1998 (mailing date)					
	*	Written Opinion for Application No. PCT/US97/12577, dated April 28, 1998 (mailing date)					
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	*	International Preliminary Examination Report for Application No. PCT/US00/34661, dated February 20, 2002					
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	*	R. T. Pogue, et al., "Monomer Functionality Effects in the Anisotropic Phase Separation of Liquid Crystals," <i>Polymer</i> 41, pp. 733-741, 2000					
EXAMINER 				DATE CONSIDERED 			
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	* Seferis, James C., "Refractive Indices of Polymers," <i>Polymer Handbook</i> , 4 th Edition, John Wiley & Sons, Inc., pp. 571-582, Copyright 1999
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	* K. Thilo Weitzel, Urs. P. Wild, Victor N. Mikhailov, and Vitaly N. Krylov, "Hologram Recording in DuPont's Photopolymer Films by Use of Pulse Exposure," <i>Optics Letters</i> , Vol. 22, No. 24, December 15, 1997
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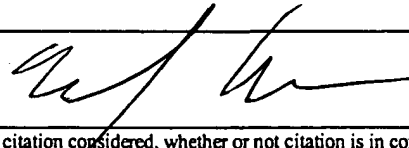
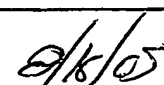
Not cited in Parent Case

* Reference cited in parent (Application Serial No. 09/577,166), and not provided herewith.

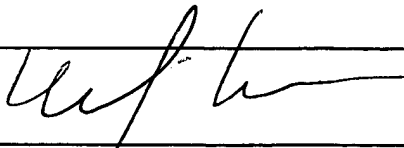

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_____	* Lawrence H. Domash, et al., "Switchable-Focus Lenses in Holographic Polymer Dispersed Liquid Crystal," <i>SPIE</i>, Vol. 2689, pp. 188-194, May, 1996
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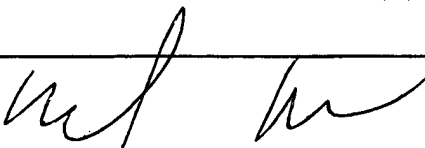
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